

## ABSTRACT OF THE DISCLOSURE

The invention relates to a process for the ~~evaluation of~~ evaluating a received signal of an SAR/MTI pulsed radar system ~~emitting-transmitted that~~ transmits SAR and MTI pulses with ~~[[a]]~~ respective definable pulse repetition frequency ~~[[Q]]~~ PRF\_SAR ~~[[,]]~~ and PRF\_MTI ~~[[D]]~~, such that the received signal ~~being is~~ a superimposition consisting of echo pulse sequences of SAR ~~echo-pulse signals~~ and MTI echo pulse signals. According to the invention, in the received echo pulse sequence of the received signal, each SAR echo from an area of interest ~~pulse, corresponding, to an integral multiple of an integral ratio of the pulse repetition frequency PRF\_MTI of the transmitted MTI signal to the pulse repetition frequency PRF\_SAR of the transmitted SAR signal and received after a transmitted SAR pulse,~~ is evaluated in an SAR process. The ~~, and the~~ remaining pulses of the received echo pulse sequence of the received signal are evaluated in using an MTI process. ~~, in which case the pulse for the MTI signal processing absent as a result of the SAR signal processing is reproduced by means of interpolation methods.~~

~~(Figure 3)'~~